

What is claimed is;

1. An electronic camera comprising:

an image capturing device that performs
photoelectric conversion on a subject image formed by a
5 photographic optical system and outputs image data;

an image display device that displays an image based
upon the image data;

a first storage device achieving a first access
speed;

10 a second storage device achieving a second access
speed lower than the first access speed; and

a control device that, if image data for display are
present in said first storage device when an image
reproduction mode for displaying the image based upon the
15 image data at said image display device is set, displays
an image based upon the image data in said first storage
device at said image display device, and if the image
data for display are not present in said first storage
device, displays an image based upon image data in said
20 second storage device at said image display device.

2. An electronic camera according to claim 1, wherein:

said first storage device is a volatile storage
device and said second storage device is a non-volatile
25 storage device.

3. An electronic camera comprising:

- an image capturing device that performs photoelectric conversion on a subject image formed by a photographic optical system and outputs an image signal;
- an image signal processing device that outputs image data obtained by performing a predetermined type of processing on the image signal;
- a shutter release operation member operated to issue an instruction for a start of a photographing operation;
- a photographing mode setting device that is operated to set a photographing mode which is either a single-shot photographing mode in which a single photographing operation is executed in response to one operation of said shutter release operation member or a continuous photographing mode which enables continuous execution of a plurality of photographing operations in response to a single operation of said shutter release operation member;
- a volatile storage device in which a storage area is secured to temporarily store the image data output by said image signal processing device when said continuous photographing mode is set; and
- a control device that stores a plurality of sets of image data obtained through a plurality of photographing

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operations in said storage area when said single-shot photographing mode is selected, and reproduces an image based upon the image data present in said storage area when a reproduction mode for reproducing images obtained
5 through photographing is set.

4. An electronic camera according to claim 3, wherein:
in said continuous photographing mode, a continuous photographing operation is performed in response to a
10 sustained operation of said shutter release operation member.

5. An electronic camera according to claim 3, wherein:
in said continuous photographing mode, a
15 photographing operation is performed continuously over a specific number of times that is set in advance in response to a single operation of said shutter release operation member.

20 6. An image processing apparatus comprising:
an image capturing device that performs photoelectric conversion on a subject image formed by a photographic optical system and outputs image data;
an image display device that displays an image based
25 upon the image data;

a temporary storage device that temporarily stores
the image data;

an image storage device for storing the image data,
that holds the data even when power to said image
5 processing apparatus is turned off;

a reproduction mode setting device that sets a
reproduction mode for displaying the image based upon the
image data stored in said image storage device at said
image display device; and

10 a control device that, if image data for display are
present in said temporary storage device when said
reproduction mode is set by said reproduction mode
setting device, displays the image based upon the image
data in said temporary storage device at said image
15 display device and if the image data for display are not
present in said temporary storage device, displays an
image based upon image data in said image storage device
at said image display device.

20 7. An image processing apparatus according to claim 6,
wherein:

an access time of said temporary storage device is
shorter than an access time of said image storage device.